

1. A mold device for injection molding of synthetic resin having a cavity surface alternately heated and cooled, comprising;

a vacant space provided in said bottoming portion
for reducing a contact area.

3. A mold device for injection molding of synthetic resin having a cavity surface alternately heated and cooled, comprising; a mold base, a slide core provided in said mold base, and a slide cavity block provided in said slide core; said mold base, said slide core, and said slide cavity block being separately thermally controlled.

a mold base,

a slide core provided in said mold base,

a slide cavity block provided in said slide core,
and

guide rails and a central rail for guiding said
slide core, wherein a clearance is provided between said
slide core and said guide rails arranged on opposite sides
of said slide core, and said central rail is arranged in
the central position of said slide core.

5. The mold device for injection molding of
synthetic resin according to claim 3 or 4, wherein said
mold base and said slide cavity block are provided with
heating and cooling channels for permitting heating medium
and cooling medium to alternately and repeatedly flow
therein.